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U. S. Department of Agriculture

SEED ANNUAL for 1931

High Quality Seeds

The wise buyer of Seeds
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Insure your crops by using
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you get the "cream of the crop" when you buy WHITE'S SEEDS. Our careful methods of selection assure you of the best quality obtainable and our efficient system of handling is a guarantee of the best possible state of preservation.

Our large volume of business permits of a reduction in handling costs which is reflected in our prices, thus making it possible to give you the very best in QUALITY, PRICE and SERVICE.

May we have the pleasure of quoting you on our complete general line of Field and Garden Seed?

Our Quotations should make business possible.

We are always glad to advise you in your selections at any time.

Yours very truly,

D. A. WHITE & SONS

NOTICE

On account of the various market changes in prices, we quote subject to the following statement:

We guarantee that we will give full value for the money sent, whether the price at the time you order be higher or lower, or if the difference is very great, will notify you before shipment.

DISCLAIMER

D. A. White & Sons give no warranty, expressed or implied, as to the description, quality, productiveness, or any other matter of any seeds, bulbs or plants that they send out, and will not be in any way responsible for the crop.

Selected, Tested Vegetable Seed

ASPARAGUS

Washington. This is the new variety that has proven by government tests, possibly the finest asparagus grown. It is early, very tender and grows to a good size. For market gardeners, the best variety ever grown. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 50c.

BEANS

The following varieties, priced as follows: Postpaid, pkt. 20c; lb. 35c; not postpaid, pkt. 15c; lb. 25c.

DWARF OR BUSH, GREEN PODDED

Stringless Green Pod. The most popular variety on the market for home garden or the market. Fine for canning. Very prolific.

Refugee. An old standard variety. Fine for canning, home or market.

Giant Stringless Green Pod. This is a larger bean than the regular Stringless Bean and is becoming very popular and is worthy of being planted.

Dwarf Horticultural—A popular old variety for either snapshots or dry shell beans, especially adapted for short seasons and cool locations.

English Broad Bean or Windsor; The beans are large, broad and flat. Should be planted early and is best green shelled.

WAX PODDED BUSH BEANS

The following wax varieties priced as follows: Postpaid, pkt. 20c; lb. 40c; not postpaid, pkt. 15c; lb. 30c.

Davis White Wax. Rustless and very productive. Long yellow pods that can be used for canning, home or market.

Golden Wax. One of the most popular garden varieties. Pods are long and a beautiful golden yellow, crisp and tender.

Improved Black Wax. The earliest of all wax beans. Excellent quality and very productive.

POLE BEANS, GREEN AND WAX PODDED

Kentucky Wonder. The most popular pole bean grown. A heavy producer and lasts until frost time. Pods are very long, fleshy and deeply creased. Green in color and stringless. Postpaid, pkt. 20c; lb. 35c; not postpaid, pkt. 15c; lb. 25c

The following varieties priced as follows if not otherwise priced. Pkt. postpaid, 20c; lb. 40c; not postpaid, pkt. 15c; lb. 30c.

Kentucky Wonder Wax. One of the finest of the large yellow podded or wax varieties. Rich, sweet and tender.

White Crease Back or White Seeded Kentucky Wonder. Long slender green pods, crisp and tender. One of the finest of all pole varieties.

Pole Horticultural. A very productive pole bean. Can be used as string bean, green shelled or to cook as a dry bean.

SCARLET RUNNER BEANS

Used mostly as an ornament as it is a rapid grower and has a bright scarlet bloom and produces a good shade. Postpaid, oz. 10c; 4 ozs. 25c; lb. 60c; not postpaid, oz. 5c 4 ozs. 15c; lb. 50c.

OREGON GIANT POLE BEAN Of Superb Quality—Entirely Stringless

If you have not grown this Bean, by all means do so this season. It is a quick grower, quite early and produces the most wonderful long, plump, meaty pods that are tender, brittle and of delicious mild flavor when cooked. Pkt. 20c; $\frac{1}{2}$ lb. 35c; 1 lb. 60c; postpaid.

FIELD BEANS

Lady Washington. This is one of the best varieties for this section as it matures early and is a heavy cropper. A nice, medium sized white bean that cooks quickly. Our stock is local grown. Price, postpaid, 25c; not postpaid, lb. 15c; 100 lbs. \$9.00

Oregon Tree Navy. Have some choice, local grown stock that ripens early and yields well. Postpaid, lb. 25c; not postpaid, lb. 15c. 100 lbs. \$9.00.

LIMA BEANS

Burpee's Bush Lima. This is the favorite bush variety and is used both as a green shelled bean and a dry bean. Lb. postpaid, 45c; not postpaid, 35c, lb.

Large Pole Lima. A very heavy yielding bean. Lb. postpaid, 45c; not postpaid, lb. 35c.

BEETS, TABLE VARIETIES

Improved Detroit Special Beet. Firm crisp flesh with color the same through out the flesh, rings usually as dark as the rest of the beet. The flesh is a deep uniform blood red color. We believe that this is the finest table and market beet ever offered on the market. Postpaid, pkt. 10c; oz. 20c; lb. \$1.25.

STANDARD VARIETIES

Any variety at the following prices: Postpaid, pkt. 10c; oz. 15c; $\frac{1}{2}$ lb. 30c; 1 lb. 75c.

Improved Blood Turnip. A fine table variety. Turnip shaped with deep red flesh.

Detroit Dark Red. Globe shaped, bright, rich, red flesh. Fine for market or table.

Extra Early Egyptian. Very popular variety. Bright red with clear vermillion flesh.

Early Eclipse. Globe shaped. Flesh deep crimson, zoned with pink.

Early Wonder. This has proven a very popular variety and especially so with market gardeners. It is of the globe type and has a rich color.

SWISS CHARD

Lucullus. The finest variety. Cultivated for its stalks and leaves which are prepared and served like asparagus. Also, becoming very popular for greens for poultry as it is more productive than kale. Pkt. 10c; oz. 15c.

MANGEL WURZEL, SUGAR AND STOCK BEETS

Any variety at the following prices: Postpaid, oz. 10c; $\frac{1}{2}$ lb. 35c; lb. 60c.; not postpaid, lb. 50c.

Mammoth Long Red. One of the finest varieties grown. Grows very large.

Golden Tankard. A heavy producer and good for heavy soils.

New Mangel Half Sugar. Becoming very popular as it is sweeter than a regular mangel. Makes fine feed.

Danish Sludstrop. Long, reddish yellow, grows well above the ground and easy to pull. Very productive and excellent quality.

Yellow Giant Intermediate or Gate Post. Grows very large, flesh white, sweet and tender; tops bright green, small neck, easily harvested.

Sugar Beets (True Stock.) Flesh, white and tender, fine for table, also excellent stock feed. Oz. 10c; lb. 75c.

BROCCOLI

Western Oregon is now producing the finest broccoli grown in America. A fine market has been secured throughout the East and it has proven a very profitable crop.

St. Valentine. This variety has proven to be the only variety to grow. Producing the finest heads, immense size and excellent quality. Pkt. 10c; oz. \$1.00.

BRUSSELS SPROUTS

Dwarf Improved. Very hardy and producing compact sprouts of large size and good quality. Pkt. 10c; oz. 25c.

CABBAGE SEED

THREE FINE SPECIALS

Golden Acre. This is proving one of the finest of the early round head varieties and is 8 to 10 days earlier than the average variety. Head is medium size, quite round and has few outer leaves, very firm and very hardy. Pkt. 10c; oz. 25c; lb. \$3.00, postpaid.

Copenhagen Market. The main early round head variety. A little larger and later than the Golden Acre and fine for the market, or home use. Pkt. 10c; oz. 25c; lb. \$3.00, postpaid.

Danish Ball Head. The finest late variety grown, either for market or home garden. Fine solid heads, medium size, round and very solid. Pkt. 10c; oz. 25c; lb. \$3.00.

RELIABLE, STANDARD VARIETIES

All at the uniform price of, Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c; lb., \$2.50, postpaid, except as noted.

Early Jersey Wakefield. An old favorite, sharp, conical head. Sown both fall and spring.

Charleston Wakefield. The best known early variety. Medium sized conical head. The favorite market variety.

Early Dwarf Flat Dutch. This is the favorite early, flat headed variety. Very productive.

Henderson's Succession. An excellent second-early variety coming in immediately after the first early sorts: free from coarse veining; enormous heads, exceedingly tender.

Mammoth Rock Red. Best hard-headed, red variety; large heads, globular, and very deep red on top. Very tender and excellent quality, fine for cold salads on account of its attractive color.

Early Winnigstadt. A little later than Wakefield, heads are similar in shape but larger and very hard with leaves tightly folded.

Drumhead Savoy Cabbage. A variety that is much prized by those who are familiar with it; of exceptionally fine flavor, more tender and sweeter. Heads large size and quite compact, with densely and uniformly crimped or savory leaves.

Late Flat Dutch. The favorite large late variety.

Late Drumhead. Has no superior for family or market in the large varieties.

Sure Head. The surest cropper of the late varieties. Large solid head.

Wong Bok or Chinese Cabbage. Very popular, used as a salad; sliced makes excellent cold slaw. Makes fine greens. Don't plant too early; use as a fall vegetable. Pkt. 10c; oz. 40c, postpaid.

CAULIFLOWER

Early Snowball. The most popular variety grown of the early sorts. Quality first class and good size. Price, postpaid, pkt. 15c; oz. \$1.50

Large Algiers. A valuable late variety, sure to head, of the best quality. Pkt. 10c; oz. \$1.00.

COLLARDS

Georgia. This variety is the old time favorite. Is very hardy. Pkt. 10c; oz. 15c.

CARROTS

White's New Red Cored Chantenay Carrot. A rich orange color with the core about the same color as the flesh. Very smooth and free from large eyes and side roots. Grow about $5\frac{1}{2}$ to 6 inches long, top about 2 to $2\frac{1}{2}$ inches wide and nearly as broad at bottom. Fine for home use or market. Pkt. 10c; oz. 20c; lb. \$1.50, postpaid.

White's Special Model Carrot, Chantenay type. This is the finest of all the carrots for Market Gardeners or home use. We offer a special stock that has taken many years to develop and we believe, the finest table carrot on the market at the present time. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; 1 lb. \$1.25.

Coreless. The finest early table variety grown. Handsome, meltingly tender and sweet. It is a half-long cylindrical carrot, blunt pointed, with a small tap root and small top. They run very uniform in shape and grow just the right size for table use. The flesh is of fine texture, entirely devoid of stringiness, coarseness and woody heart; color orange-scarlet, very attractive, delicious and sweet flavored when cooked. Pkt. 10c; oz. 20c; 4 oz. 50c; lb. \$1.50.

Chantenay. The finest variety for the market or home garden. Smooth and tender. Deep orange color. Pkt. 5c; oz. 15c; lb. $\frac{1}{4}$ 40c; lb. \$1.00, postpaid.

STOCK CARROTS

The following varieties at the uniform price of pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c lb. 85c.

Danvers Half Long. The smooth handsome roots are orange color and medium length. A heavy cropper and make fine feed.

Ox Heart. A thick carrot, five or six inches long and very blunt at the lower end. Orange color.

Long Orange. Grows to a large size. Best adapted to sandy or loose soil. A favorite for stock feeding.

Large White Belgian. Grown for stock feeding. Very productive. Easily pulled.

Yellow Belgian. One of the best carrots for stock feeding. Grows large and very productive.

CELERY

White Plume. The leading white celery. A handsome, crisp sort, of very easy cultivation. Pkt. 10c; oz. 25c; postpaid.

Golden Self Blanching. The best celery for early market or home garden of the yellow meated kinds. Easily blanched. Pkt. 10c; oz. 50c, postpaid.

CRESS

Curled or Pepper Grass. Used as a salad dressing. Pkt. 10c; oz. 15c, postpaid.

Water Cress. Thrives only when the roots or stems are submerged in water. Leaves used as a salad. Pkt. 10c; oz. 60c.

CORN==Sweet or Table Varieties

Postpaid, pkt. 20c; lb. 35c; 10 lbs. \$2.25. Not postpaid, Pkt. 15c; lb. 25c; 10 lbs. \$2.00

Golden Bantam. One of the finest sweet corns grown. Very early, tender and extra sweet. Golden in color.

Improved Golden Bantam. Superior to the original Golden Bantam in quality and nearly twice the size. Nearly all ears carry 12 rows of deep rich golden yellow kernels, set close upon the cob. Do not compare this with the original strain, as it is far superior in every respect, and any gardener who places this corn on the market will command better sales and prices.

Early Minnesota. The favorite extra white variety. Fine for canning.

Early Evergreen. Follows the early varieties and is an excellent corn.

Stowells Evergreen. This is the most popular and best main crop sweet corn grown. Excellent quality and lasts until killed by frost. Very productive. Makes fine fodder and ensilage.

Portland Market. An extra early variety with a good sized ear. A great favorite for the market and home use.

Golden Giant. This is new yellow meated Sweet Corn and is the second year that it has been offered on the market. It is a cross between Golden Bantam and Evergreen and retains the sweetness of the Bantam with the Evergreen qualities. Produces a large ear of extra sweet corn.

Golden Early Market, Extra Early. It is two weeks ahead of Golden Bantam, and while not quite so sweet, still the quality is ahead of other early sorts.

KALE

Dwarfed Green Curled. Leaves curled and a bright green. Pkt. 10c; oz. 15c.

Tall Scotch—Green Curled. Grows about two feet high, leaves dark green, curled and wrinkled; very hardy. Pkt. 10c; oz. 20c.

Thousand Headed. Grows very large. Used mostly for stock feeding. Pkt. 10c; lb. 60c; postpaid. Not postpaid, lb. 50c.

FIELD CORN

EXTRA, FANCY, SELECTED STOCK

We make a specialty of Field corn and offer you the finest varieties for this coast. Uniform price of: 1b. 20c; 10 lbs. \$1.00; 25 lbs. \$2.10, postpaid. Not postpaid, 1b. 10c; 10 lbs. 80c; 100 lbs. Market price.

Pride of Oregon. This is the best quality of Oregon grown corn and well selected. Ears are long, well filled with deep yellow kernels. Makes a fine silo corn, as it grows to a good size as well as being early.

Minnesota No. 13, Yellow Dent. This variety is a favorite of many dairymen as an ensilage corn. A heavy producer.

Leaming, Yellow Dent. One of the most popular ensilage corns as it is very productive.

Pride of the North, Yellow Dent. Grown here for many years as a silo corn and is a heavy producer.

White Pearl. A pure white corn. Used for silo.

Golden Glow. This is the corn that is winning all the prizes at the various corn shows and is an extra good variety for this valley. Our seed is Western grown.

POP CORN

White Rice. The best variety for this climate. Ripens early and is a good producer. Postpaid, 1b. 25; not postpaid, 15c.

CRO-TOX

Crow and Pheasant Repellant. Protects seed corn, saves seed loss and replanting. Will in no way injure seed corn. Aids and hastens germination which means healthier stalks and larger yields per acre. Will not clog any planter; neither will it kill birds or animals. Can, treats one bushel seed corn, \$1.00 per can.

CUCUMBERS

White's Special. This is the finest market and pickling variety we have ever seen. Uniform shape and a dark green color and heavy producer. Length, uniformly 8 to 10 inch. A good shipper, holding its color and firmness when shipped. Excellent for slicing. Pkt. 10c; oz. 15c; lb. \$1.50.

The Vaughan. By far the best slicing cucumber to date for market purposes. The cucumbers are long, straight, and of even diameter. Pkt. 10c; oz. 25c.

Lemon Cucumber. This dainty little cucumber resembles a lemon both in form and color, having a distinctive flavor all its own. Pkt. 10c; oz. 20c.

The following varieties at the uniform price of, pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 40c; 1 lb. \$1.25, postpaid.

Early Short Green or Early Frame. An excellent small variety. Fine for pickles.

Chicago Pickling. The favorite pickling variety. Very prolific.

Improved White Spine. A large, long variety that is fine for table or pickles.

Improved Long Green. The old family favorite. Always good for all purposes.

Boston Pickling. A very productive variety; extensively grown for pickles. The fruits are bright green, of medium size, smooth and symmetrical. The flesh is crisp and tender.

Early Cluster. One of the old favorites; grows in clusters.

ENDIVES

This is a hardy vegetable, cultivated principally for a winter salad. Sow from May until August, for a succession of crops; tie the leaves closely together to bleach them.

Green Curled. A standard sort for fall and winter. Pkt. 10c; oz. 15c.

White Curled. A beautiful variety with curled, mossy leaves for early use. Pkt. 10c; oz. 15c.

Broad Leaved Batavian. Has broad thick leaves which form a large loose head. Pkt. 10c; oz. 15c.

EGG PLANT

Black Beauty. An extra early, quick-growing, vigorous variety, handsome and very uniform. Color, deep blackish purple. Splendid market sort. Pkt. 10c; oz. 70c.

KOHL RABI

Early White. Best table variety. Pkt. 10c; oz. 25c.

LEEK

American Flag. The favorite variety. Pkt. 10c; oz. 25c.

LETTUCE

New York or Wonderful. The finest head lettuce grown. The immense heads are solid, heavy, beautifully bleached to a creamy white with bright green outer leaves. The quality is unsurpassed, being tender, crisp and sweet. Used by all market gardeners. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c.

The following varieties at the uniform price of pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c, postpaid.

Hanson. An old standard variety that produces a fine head. White meated, crisp and tender.

Early Prizehead. A brown tinged leaved head lettuce that is a great favorite.

Early Curled Simpson. The leading curly variety, extra crisp and tender.

May King. The leading butter lettuce. Rich and tender

Brown Dutch. The leading brown variety. Forms a large, solid head, sweet, tender and good flavor.

Grand Rapids. This is used for forcing mostly, but some like it as it is very early for outdoor planting.

Big Boston. A very large, loose headed variety, often called a butter lettuce on account of the color.

Chicken Lettuce. Just the thing for Poultry Men. This Lettuce yields an immense amount of chicken or rabbit feed. It does not form a head but sends up stalks three or four feet high and when cut it immediately starts to grow again. The leaves can be pulled off the stem like kale. Loaded with leaves. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 40c.

MUSTARD, FOR GREENS

The leaves of these varieties of Mustard, excepting WHITE ENGLISH, as listed here, make excellent greens of sharp, pungent flavor, and are cooked the same as spinach or beet leaves. Sow seed in drills early in the spring and at frequent intervals throughout summer to secure a constant supply of fresh greens. Mustard is hardy and is easily grown. One ounce will sow 50 feet of row.

Chinese. A very hardy, broad-leaved variety. Leaves are thick and deeply savoyed. Pkt. 10c; lb. 90c.

Giant Southern Curled. Large variety forming a great mass of beautiful leaves, which are ruffled and finely curled on the edges. Hardy, vigorous, highly recommended. Pkt. 10c; lb. 75c.

White English. Seed yellow and pungent, used for grinding and for flavoring pickles Oz. 10c; lb. 60c.

A NEW MUSK MELON

Hale's Early. This wonderful new melon of the type of the Hearts of Gold is taking the market by storm. Good size, early and sweet and tender, with rich orange colored flesh. A fine shipper and unexcelled for home use or market. Pkt. 10c; oz. 20c; lb. \$1.50.

MUSK MELON

Price, postpaid, pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 40c.

Large Yellow Cantaloupe. The flesh is light, yellowish green, very sweet, crisp and delicious.

Burrel Gem. The favorite market variety. Orange flesh which is very deep and delicious.

Honey Dew. This is the new melon that has proven a great success. The fruit is large, green fleshed and delicious flavor.

Rocky Ford or Netted Gem. The fruit is oval, slightly ribbed, densely covered with coarse netting. Green fleshed. Fine for the market.

Green Nutmeg. An extra early variety that is fine for the home garden. Flesh green, fine and sweet.

WATER MELON

Prices, pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c.

Early Fordhook. The best early melon for this valley for home use.

Sweet Heart. An excellent melon and a good shipper for the market.

Tom Watson. A long melon that is fine for home garden or market.

Kleekly's Sweet. One of the favorite melons for this valley.

Black-Seeded Ice Cream Watermelon.—A splendid shipping melon, does exceptionally well in any soil which grows melons. Almost round, pink meated, black seeded, a fine keeper. Drought-resistant, ripens early. Most luscious and handsome. If fond of watermelons, try this one. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 50c; lb. \$1.25.

CITRON

Used for preserves. Pkt. 10c; oz. 20c.

ONIONS

Write for Special Prices on large orders.

Yellow Globe Danvers. A handsome globe shaped variety that commands the top price on the market. Now the principal onion grown here for the market. Pkt. 10c; oz. 20c; lb. \$1.75, postpaid.

White Globe. A pure white globe shaped variety. Flesh hard with wax-like pearl flesh. Pkt. 10c; oz. 25c; lb. \$2.00, postpaid.

White Portugal or Silverskin. Skin and flesh pure white, mild and flat shape. Pkt. 10c; oz. 25c; lb. \$2.00, postpaid.

Sweet Spanish. Mild, sweet flavor, firm meat and tender. Fine for early market and home use. Pkt. 10c; oz. 50c, postpaid.

White Bermuda. Becoming the most popular onion for early market and home use as it is tender and very sweet. Pkt. 10c; oz. 50c, postpaid.

ONION SETS

Bottom Onion Sets. Small onions grown from seed. Used for early green onions. Lb. postpaid, 30c.

Top Sets or Multipliers. So called winter onions as they grow during the winter and are ready to use as green onions very early in the spring. Lb. postpaid, 30c.

BERMUDA ONION PLANTS

In season during April and May. Becoming very popular as they come on the market early and can be used as a green onion or left to mature for a large onion. 100, 30c; 1000, \$2.75, postpaid.

Write for prices on large lots.

PARSLEY

Double Curled. Very hardy and easy to grow. Used for flavoring and garnishing. Pkt. 5c and 10c.

Hamburg or Turnip Rooted. A plain leafed variety forming a long thick edible root Pkt. 10c.

PARSNIP

Hollow Crown. Roots white, very tender, with smooth skin. Pkt. 5c; oz. 15c; lb. \$1.00, postpaid.

RHUBARB

Victoria or Mammoth. Very large, finest cooking variety. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c, postpaid.

PEDIGREED GARDEN PEAS

Our Peas are grown by one of the most reliable and largest growers in the world, who has built up a high quality of seed peas by years of selection. They are not to be compared with the average quality offered on the market.

After all, there is no substitute for Quality.

Any variety at the following prices: Postpaid, pkt. 20c; lb. 35c. Not postpaid, pkt. 15c; lb. 25c; 10 lbs. \$2.00.

Blue Bantam. One of the fine early varieties on the market. Grows about 15 inches high, very productive, large podded and sweet.

Little Marvel. The dwarf, bushy vines, averaging 15 inches, are loaded with firm square-ended pods $2\frac{1}{2}$ to 3 inches long, tightly filled with plump, luscious, deep green peas. As early as American Wonder and far outyields it.

Duke's Delight. A very dwarf, extra early, delicious pea of great merit. The strong, healthy vines grow about 12 to 34 inches in height. Very productive, sweet and excellent flavor.

American Wonder. The most popular early variety grown. A great favorite for home gardens.

Alaska. Extra early and hardy. May be planted in the fall in this valley and will produce a very large crop early in the spring. Fine for early market.

Gradus. Without doubt the most popular pea for the early market or home garden. Pods are extra large and well filled with large sweet peas.

Dwarf Telephone. The most popular second early variety now on the market and the finest, sweetest pea grown.

Tall Telephone. The best mid season variety and a great favorite. Grown by all the market gardeners and cannot be excelled for home use.

Stratagem. One of the best of the large podded sorts. The pods are of immense size and well filled with large sweet peas.

China Peas. Cooked similar to dry beans. Very productive.

PUMPKIN

Any variety at the following prices except as noted: Pkt. 10c; oz. 15c; lb. \$1.00, postpaid.

Winter Luxury. The most popular pie pumpkin. Medium size, color golden russet, finely netted flesh.

Pie or Sugar. A fine grained variety that makes dandy pies. Skin, orange; flesh, deep yellow. Very sweet.

King of Mammoths. Grows to an enormous size. Very productive. Used for feed.

Connecticut Field. Popular for field culture and excellent for stock. Pkt. 5c; oz. 15c; lb. 75c, postpaid.

PEPPER

Pkt. 10c; oz. 50c, postpaid.

Ruby King. Very large, sweet and mild. Bright scarlet.

Large Bell. Large, mild and thick fleshed. One of the best for stuffed pickles.

Pimento. A sweet pepper with a wonderful mild flavor.

Chinese Giant. A pepper of excellent quality; very mild and popular for stuffing. Pkt. 10c; oz. \$1.00.

RADISH

Any variety at the following prices: Postpaid, pkt. 5c; oz. 10c. $\frac{1}{4}$ lb. 30c.

Early Scarlet Globe. A popular variety owing to its quick growth and fine scarlet color.

Early Scarlet Turnip or Rosy Gem. Used more than any other early variety. Color bright rose carmine with white tip. Globe shaped.

White Icicle. The most popular radish on the market. A handsome, white variety, growing about five inches long. Quick growing, crisp and mild flavor.

Long Scarlet, Short Top. A dandy radish. Color, bright carmine; flesh firm, about six inches long. Fine for market.

Brightest Long Scarlet. A very showy, long scarlet radish with white tip.

French Breakfast. A popular variety for market or forcing; it is about two inches long, stumprooted, bright rose color with white tip.

Half Long Radish. Fine for market or home use.

Mammoth White China. Roots are from ten to twelve inches long, solid, crisp and tender. Best winter radish.

SUNFLOWER

Mammoth Russian. The favorite variety. Grown for ensilage, feed, etc. **Lb. 15c; postpaid, 25c.**

SQUASH

Zucchini (Italian Squash). It should be eaten quite young, when 3 to 6 inches long. A popular variety and is easy to grow. **Pkt. 10c; oz. 20c.**

Table Queen. A miniature squash growing about 7 inches long and 4 to 5 inches thick. The color is deep green contrasted with orange and red where it rests on the ground. Very sweet and fine grained and suited for home or market. Very easy to grow. It is a splendid keeper for Winter use. **Pkt. 10c; oz. 20c; lb. \$1.60.**

Yellow Summer Crookneck. Flesh tender and good quality. **Pkt. 10c; oz. 15c; lb. \$1.25.**

Improved White Bush Scallop. The best summer sort for the market. **Pkt. 10c; oz. 15c; lb. \$1.25.**

Improved Hubbard. The best seller and most popular squash; keeps through the winter. **Pkt. 10c; oz. 15c; lb. \$1.25.**

Banana Squash. This is a long squash that cooks up very fine with a wonderful flavor. Does extra well in this climate. **Pkt. 10c; oz. 15c; lb. \$1.50.**

Delicious. An extra sweet, fine grained, dry cooking squash, medium size. Fine for home use or market. **Pkt. 10c; oz. 20c; lb. \$1.50.**

Mammoth Chili. The largest of all squashes, valuable for stock feeding. **Pkt. 10c; oz. 15c; lb. \$1.25.**

SALSIFY OR VEGETABLE OYSTER

Mammoth Sandwich Island. The leading tender variety. Produces a large crop of straight smooth roots. **Pkt. 10c; oz. 20c.**

SPINACH

Any variety at the following prices: **Pkt. 10c; $\frac{1}{4}$ lb. 25c; lb. 50c, postpaid.**

Savoy. Leaves large, round and thick. One of the earliest sorts.

Prickly Winter. Hardest variety. Must be sown in the fall. Leaves long, pointed and thick.

Long Standing. An improved variety for general use. Remains in edible condition over long period, as it is slow to go to seed.

Improved Thick Leaved. A variety which grows very rapidly, forming a cluster of large, very thick, slightly savoyed leaves of fine color, and quality when cooked. Best for market gardeners

King of Denmark. This variety will, in time, replace all other varieties for spring planting. It is very slow to go to seed, continuing to grow and hold its fine qualities long after other varieties are gone. Early and excellent quality.

TOMATOES

Our Early Special. This is without doubt, the finest Extra Early Tomato ever introduced. Deep red meat color, smooth and sweet. A wonderful tomato for this section. Pkt. 10c; oz. 50c.

Bonny Best. Highly prized by many Oregon growers. Tomatoes large, smooth and of a rich scarlet red, the color that sells quickly. Fruit thick with a small core, a profitable tomato for any purpose. Slices exceptionally well. Flesh and flavor excellent. Nearly globe shaped, slightly flattened at stem. Pkt. 10c; oz. 35c.

Improved Stone. A main crop tomato of extra fine quality and beautiful deep red color. Pkt. 10c; oz. 35c.

Chalks' Jewel. An early variety that is well adapted for this climate as it is extra early and bears throughout the season. Pkt. 10c; oz. 35c.

Sparks' Earliana. Large, smooth and early; beautiful red color. Pkt. 10c; oz. 35c.

Yellow Pear. Fruit small and globe shaped. Fine for preserves. Pkt. 10c.

Husk or Ground Cherry. Used for preserves. Pkt. 10c.

John Baer. An early, bright scarlet tomato that does exceedingly well here. Large, smooth and fine color. Thick meated. Pkt. 10c; oz. 35.

Marglobe. A new variety developed by U. S. Dept. of Agr. Is very wilt resistant and is resistant to all head rust. Scarlet flesh and solid. Pkt. 10c; oz. 50c.

New Burbank. This is a rich red tomato with solid meat and very little seed contents. Very early and fine for home use or canning. Pkt. 10c; oz. 60c;

TOBACCO

Connecticut Seed Leaf. Best adapted for general use. Pkt. 10c.

TURNIPS

Any variety at the following prices: Postpaid, pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 60c; not postpaid, lb. 50c except when noted.

White Egg. Is excellent flavor, clear white, sweet and mild. Oz. 15c; lb. 75c.

Early Purple Top, Strap Leaved. Flat in shape. The leading white variety; one of the best for all purposes.

Purple Top, White Globe. The favorite variety. Excellent quality.

Yellow Aberdeen. Round, medium size, light yellow.

Cow Corn. Grows half out of the ground and is a rapid grower. Immense yielder.

White's Special Market White Globe Turnip—with purple top. This is a special strain that has been developed and is the finest market variety grown. Oz. 15c; $\frac{1}{4}$ lb. 35c; 1 lb. 75c.

White Milan. A small white variety, very tender and sweet. A dandy table variety. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; 1 lb. \$1.25.

Orange Jelly or Golden Ball. A globe shaped, yellow variety, with firm and crisp yellow flesh. A very fine table variety. Oz. 15c; lb. 85c.

RUTA BAGA

American Purple Top. Grows to a large size and produces an immense crop. Oz. 15c; lb. 60c.

Sweet Russian. Most excellent for table and stock. Sweet and rich.

VEGETABLE PLANTS AND ROOTS

We handle the output of several large growers and can furnish fine plants during the season. We do not name the various named varieties that we handle, as it varies with the seasons, but will be glad to send you a list at any time when you are ready to plant.

For those wanting large lots, write for special prices, stating quantity wanted.

During the season, we handle Cabbage, Tomato, Cauliflower, Kale, Broccoli, Pepper, and various other garden plants and would be glad to quote prices at any time.

SEED POTATOES

Write for prices

Burbanks. One of the best varieties grown in the Northwest and a favorite market variety.

Netted Gem. Becoming a very popular variety and is a fine potato in every way. A heavy yilder.

Earliest of All. Without doubt, the earliest variety on the market. White in color and cooks fine.

Early Rose. A favorite variety and well known for many years.

Early Ohio. One of the finest of all the early potatoes; a very heavy yilder on nearly all types of land.

Early White Rose. This is a very heavy producer; large, round, smooth, white potato.

NASTURTIUM

Fancy Climbing Varieties. A fine selection of the different climbing varieties in assorted colors all mixed together. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25, postpaid.

Fancy Dwarf Nasturtiums. A fine mixture of choice varieties and colors. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25, postpaid.

FLOWER SEEDS

We carry a fine selection of all the leading varieties of flower seeds. Just order whatever variety you want and we will send it promptly.

All the varieties with a few exceptions are 10c per pkg., postpaid. On account of lack of space in catalogue we do not find it profitable to catalogue a flower list but we carry a very large stock.

SPENCER SWEET PEAS

We offer you a wonderful selection of the finest Spencer Sweet Peas in the various colors and shades. Our Sweet Peas are grown especially for us by the best growers and are the best to be obtained.

All of the following Special Varieties at 10c per pkt; 25c per oz, postpaid.

Miss California. A dandy shade of Orange-Salmon on cream pink.

Crimson King. A deep blood red. Very attractive.

Camp Fire. The finest Scarlet grown, sun proof.

The Sultan. Glossy, black maroon.

Youth. White with margin of pink. Picotee. Very attractive.

King White Spencer. A pure white flower of enormous size, beautifully fluted and crinkled. Of splendid substance.

King Edward Spencer. Bright crimson scarlet, largest size, wavy standards. Very long stems, the finest bright scarlet.

Helen Lewis. A beautiful orange pink. One of the finest Spencers. Bright orange standard.

Margaret Atlee. The Spencer Supreme. Margaret Atlee is a rose-salmon pink, on a creamy rich buff ground, soft color and extremely attractive, both as individual flowers and in the bunch. The standard is large and wavy, and inclined to double under favorably conditions.

R. F. Felton. An extra large lavender and very rich color. Said to be the finest of all the lavenders.

Asta Ohn. One of the finest lavenders.

Royal Purple. The nearest true purple sweet pea grown. Often called Elk's Purple.

Illuminator. Possibly the most popular and finest sweet pea grown. A wonderful salmon orange color.

Mary Pickford. A beautiful dainty cream pink with just a trace of salmon pink. A great favorite.

Hebe. Large flowers, old rose with pink shading.

Austin Frederich. Improved. The finest pure lavender.

Dobbie's Cream. The truest cream colored sweet pea on the market. Grows extra large.

Orchid. A beautiful new shade of orchid.

Mrs. Tom Jones. a new blue of extra fine quality.

Fiery Cross. One of the finest of the scarlet shades.

Glorisa. One of the finest of the new varieties. A fiery, orange scarlet.

Barbara. One of the most popular Bright Salmon colors.

Our Superb Mixture. True Spencers only. A splendid mixture, carefully proportioned and blended to produce pleasing and harmonious combinations of color, containing the most beautiful shades and varieties of the wonder'ul Spencer type. These are not seedlings, but carefully selected named varieties that retain all their purity and brilliancy of color. Pkt. 10c; oz. 25c; lb. \$2.50.

FIELD SEEDS

The following prices are the market prices of today and are subject to market changes. When ready to buy, write us for prices, stating quantity wanted and we will quote you the market price at that time. Or, send in your order based on the following prices and we will guarantee that we will give you full value for money sent, whether the price at the time you order be higher or lower, or if the difference is very great, we will notify you before shipping.

We make a specialty of High Grade, Recleaned, Tested Seeds and Grains and we believe that the quality we are offering is the best that can be obtained on the market.

If wanted by parcel post, add regular parcel post rates, according to zone distance from Salem.

Quantity prices are as follows: 1 to 9 lbs. at 1b. price; 10 to 24 lbs. at 10 lb. price; 25 to 49 lbs. at 25 lb. price; 50 lbs. or more at 100 lb. price.

RED CLOVER

Extra Fancy Quality

We are in a position to offer you the finest Western grown Red Clover that is obtainable on the market. Located in the heart of the growing section, we select the finest lots for our retail trade.

Red Colover is the standard clover for all purposes. Hardy and thrives well on nearly all kinds of land. Makes superior hay or pasture. Lb. postpaid, 35c; 10 lbs., postpaid; \$2.70; not postpaid, lb. 25c; 25 lb. lots at 24c per lb; 50 lbs. or more at 24c per lb.

MAMMOTH RED CLOVER

This is an extra large growing clover, similar to Medium Red Clover. Foliage and seed the same only grows coarser and larger. Lb. postpaid, 40c; 10 lbs. postpaid, \$3.20; not postpaid, lb. 30c; 25 lbs. lots at 28c per lb.

ALSIKE CLOVER

Excellent for hay or pasture. Grows on land too wet for other clovers. Lb. postpaid, 35c; 10 lbs. postpaid, \$2.70; not postpaid, lb. 25c; 25 lb. lots at 24c per lb; 50 lb. lots or more at 23c per lb.

SWEET CLOVER, WHITE BLOSSOM

Used mostly for pastures and cover crop to plow under. Makes a great deal of pasture as it is a very fast growing plant. Lb. postpaid, 30c; not postpaid, lb. 20c; 25 lb. lots at 16c per lb; 50 lb. lots or more at 15c per lb.

SWEET CLOVER, YELLOW BLOSSOM

Grows similar to White Blossom but not quite as large or coarse. Lb. postpaid, 30c; not postpaid, lb. 25c; 25 lb. lots at 17c per lb; 50 lb. lots or more at 16c per lb.

LADINO WHITE CLOVER

This new Mammoth White Clover has proven a wonderful pasture clover. Grows nearly any kind of soil, easy to catch crop and a great producer. Several times as large as common White Clover and has the same valuable feeding qualities. Fancy recleaned seed. 75c per lb. postpaid. Write for prices on large lots. Certified Seed, 85c per lb. postpaid.

MIXED WHITE AND ALSIKE CLOVER

This is a good clean mixture to sow for pasture purposes. Lb. postpaid, 40c; not postpaid, 10 lbs. \$3.00; 25 lb. lots at 29c per lb; 50 lb. lots or more at 28c per lb.

CRIMSON CLOVER

Highly recommended for pasture and cover crops. A thrifty annual growing form 20 to 30 inches high. Lb. postpaid, 30c; not postpaid, lb. 20c. Write for prices on large lots.

BURR CLOVER

Used for pastures and cover crops. Lb. postpaid, 35c; not postpaid, lb. 25c; 25 lb. lots at 17c per lb.; 50 lb. lots at 15c per lb.

WHITE CLOVER

Used for lawns and pastures.

Fancy grade, for lawns. Lb. 60c; postpaid, 70c.

Pasture grade. Lb. 40c; postpaid, 50c.

Write for prices on large lots.

GRASS SEEDS

English Rye Grass. Imported stock. Perennial variety. Sown mainly for permanent pastures as it lasts for several years. Also, makes a fair lawn when sown thick. Lb. postpaid, 30c; not postpaid, lb. 25c; 10 lbs. \$2.00; 50 lbs. \$9.00.

English Rye Grass. Domestic Stock. Local grown seed of high purity and germination but might show a trace of other rye grasses. Lb. postpaid, 20c; not postpaid, lb. 10c; 100 lbs. \$8.00.

Italian Rye Grass. Fancy domestic stock. Grown both for seed purposes and pastures. Thousands of acres grown annually in Western Oregon. Usually an annual but in this climate is sometimes a perennial. Lb. postpaid, 20c; not postpaid, lb. 10c; 100 lbs. \$7.00. Choice stock, used for burns and pastures, \$6.00 per 100 lbs.

Western Rye Grass. A mixture of English and Italian Rye Grass and sown for pasture purposes. Lb. postpaid, 20c; not postpaid, 10c; 100 lbs. \$7.00.

Sudan Grass. This should be sown late in the spring or early summer and produces an immense amount of green feed until frost time. Used for cattle, sheep, hogs, etc. Solves the question of green feed during the hot summer months as that is when it does the best and makes the largest growth. Lb. postpaid, 25c; not postpaid, lb. 15c; 10 lbs. \$1.40. Write for prices on large lots.

Orchard Grass. Possibly the most valuable of all the grasses for all kinds of land, especially hills. Makes a great pasture. Lb. postpaid, 35c; not postpaid, lb. 25c; 25 lb. lots or more at 24c per lb. Write for quantity prices.

Red Top. Fancy Hulled Seed. Used for pastures, especially valuable for wet land. Also makes a very good lawn. Lb. postpaid, 40c; not postpaid, lb. 35c; 25 lb. or more at 30c per lb.

Meadow Fescue. A hardy perennial grass. Used for pasture and also for lawns. Lb. postpaid, 35c; not postpaid, lb. 30c; 25 lb. lots at 28c per lb.

Sheep Fescue. Does well on dry, poor, shallow or sandy soils. Lb. postpaid, 45c. Not postpaid, lb. 40c; 25 lb lots at 32c per lb

Tall Meadow Oat Grass. This grass is proving itself as a great pasture grass both in the valley and along the coast. The demand has increased many times within the last few years as it has proven that it will stand heavy pasturing. Lb. postpaid, 40c. Not postpaid, lb. 35c; 25 lb. lots at 30c lb.; 50 lbs. or more at 29c per lb.

Bermuda Grass. Used extensively in the South for pastures and lawns. Lb. 50c.

Winter Blue Grass (Poa Bulbosa.) On certain types of soil this has proven a wonderful winter pasture. Grows only in the fall, winter and spring and then becomes dormant. A heavy cropper of excellent grass, rich in feed value. Lb. postpaid, \$1.00; 10 lbs. \$8.50; 25 lbs. \$20.00; 50 lbs. or more at 75c per lb.

PASTURE MIXTURE

This is a mixture of Rye Grasses, Timothy, Mesquite, Clovers, etc., for pasture purposes. Good on burned and logged-off lands. Lb. postpaid, 25c; not postpaid, 15c; 100 lbs. \$12.50.

Low Land Pasture Mixture. A special mixture suitable for low and wet lands. Lb. postpaid, 20c; not postpaid, 20c; 100 lbs. \$10.00.

High Land Pasture Mixture. A mixture adapted for the hills and higher lands of western Oregon. Lb. postpaid, 20c; not postpaid, 20c; 100 lbs. \$12.50.

Burn Mixture. This is a cheaper mixture for rough land and is only recommended for land not suitable for cultivation but still can be used for pasture. \$10.00 per 100 lbs.

REID'S CANARY GRASS

This is that wonderful grass that has been grown in Coos County and is the greatest producer for wet land we have seen for pasture. Price, per lb. \$1.00, postpaid.

Mesquite. This grass is very popular for sowing on rocky and hilly soil, on wet lands and as a pasture grass on logged-off and burnt over lands. Comes very early in both spring and fall and produces very heavy. Fancy seed. Lb. postpaid, 35c; not postpaid, lb. 25c; 25 lb. lots at 23c per lb; 50 lbs. or more at 22c per lb.

Millet. On some lands that are sandy and warm, millet has been a productive crop. Used mostly for hay and poultry feeding when threshed. Write for prices and varieties.

Timothy. Used very extensively for hay and pasture. Lb. 15c; postpaid, 25c; 10 lbs. \$1.50, postpaid, \$1.65; 50 lbs. or more at 13½c per lb., not postpaid.

LAWN GRASSES

OUR SPECIAL LAWN GRASS MIXTURE

This is a very fine mixture of high grade lawn grasses and extra fancy white clover seed. Contains Bent Grass, Kentucky Blue Grass, Fescues, and several other grasses as well as white clover. Some of the finest lawns in Salem have been seeded with this mixture. Price, per lb. 60c; postpaid, 70c.

FANCY LAWN GRASS

In our Fancy Mixed Lawn Grass Seed we have the proper proportions of the various grasses that go to make a beautiful lawn.

The seeds that go into this mixture are all tested and recleaned in first-class shape and are the best quality on the market. Price, per lb. 50c, postpaid, 60c. lb.

SHADY NOOK LAWN GRASS

This is a mixture that has been selected to grow in shady places and gives the best of results. All seeds are of the best quality that are used in this mixture and make a nice velvety lawn. Per lb. 50c; postpaid, 60c lb.

FANCY WHITE CLOVER

We handle only the finest white clover on the market. We have a very large trade on this seed and import direct from Europe, where the finest seed is grown. Lb. 60c; postpaid, 70c. Special prices on large lots.

KENTUCKY BLUE GRASS

Still the great favorite for lawns. More of this grass is used for lawns than any other grass on the market. Lb. 50c. Postpaid, 60c.

FANCY RED TOP

Used a great deal for lawns, especially in mixtures. Lb. 40c; postpaid, 50c.

MEADOW FESCUE

This makes a very nice lawn and is very hardy and makes a good sod. Our seed is extra good quality. Lb. 40c; postpaid, 50c.

CHEWINGS FESCUE

This makes a wonderful sod and is used in shady places and under trees, etc. Makes a very fine lawn either alone or with other grasses. Lb. 50c; postpaid, 60c.

CREEPING FESCUE

This is the finest of the Fescue Grasses and makes a wonderful lawn. We have genuine creeping fescue. Lb., postpaid, \$1.25 per lb.

SEASIDE OR COOS CREEPING BENT GRASS

This is the best of all the Bent Grasses and is used for lawns, parks and golf courses. It is grown in Oregon and shipped all over the U. S. and the demand is becoming very large. Our seed is certified by the Seed Department of Oregon State College. Postpaid, \$1.50 per lb. Special prices on large lots.

ASTORIA CREEPING BENT GRASS

Some think that this is the best of the Bent grasses as it spreads from the roots and is an underground creeper. Our stock is certified. Postpaid, \$1.50 per lb. Special prices on large lots.

GERMAN BENT GRASS

This is the imported seed from Germany and makes a beautiful lawn or park. Postpaid, \$1.25 per lb.

COLONIAL BENT GRASS

We import this from New Zealand and it is of extra fine quality and very clean seed. Postpaid, \$1.35 per lb.

LAWN SEED

Poa Trivalis. This is possibly the finest of all the grasses for shady places as it seems to be adapted for heavy shade. Makes a fine lawn. Lb., postpaid, 85c.

INOCULATION FOR SEEDS

McQUEEN'S INOCULATION

This is the very latest of the new type inoculations called Dust Kote.

Can be used dry or wet as you like. Grain may be treated and if unable to sow when treated may be seeded later without losing strength.

For Clovers and Alfalfa. $\frac{1}{2}$ bu. pkg. 50c; 1 bu. pkg. \$1.00; $2\frac{1}{2}$ bu. size, \$1.75.

For Vetch, Beans and Peas. 1 bu. size, 50c; 2 bu. size, \$1.00.

Garden Package. A small package to be used for peas and beans for the garden, 15c. **ALWAYS STATE THE KIND OF SEED YOU ARE GOING TO TREAT** as each kind takes a different inoculation.

ALFALFA SEED

Alfalfa has proven a successful crop in Western Oregon as well as Eastern Oregon and many acres have been planted the last few years.

Used both as a pasture and being cut for hay. Some very fine results are reported.

We buy only the very finest qualities as it does not pay to buy inferior alfalfa seed.

Common Alfalfa. We have found that the Idaho grown seed does the best in Western Oregon, and have the best stock obtainable. Price, lb. postpaid, 40c; not postpaid, lb. 35c; 10 lbs. \$3.20; 25 lbs. \$7.50; 100 lbs. \$28.50. Subject to market changes.

Certified Grimm Alfalfa. Grimm alfalfa seems to be the best variety for this section and to be sure of getting genuine Grimm Alfalfa it is best to buy the Certified seed. Our stock is certified by the Seed Department of the State of Idaho and is of extra fancy quality. We carry both Blue Tag and Red Tag grades.

Blue Tag. 99 $\frac{1}{2}$ per cent purity or better. Lb., postpaid, 55c; 10 lbs. postpaid \$4.50; not postpaid, lb. 45c; 10 lbs. \$4.25; 25 lbs. \$10.25; 50 lbs. or more at 40c per lb.;

Red Tag. Deduct 2c per lb. from above prices on Blue Tag.

Standard Grimm. Extra Fancy. This seed comes from reliable growers and tests as high in purity and germination as Certified, but might contain a trace of sweet clover or common alfalfa seed. Lb. postpaid 50c; 10 lbs. \$4.15; not postpaid, lb. 40c; 10 lbs. \$3.75; 50 lbs. or more at 35c per lb.

DWARF ESSEX RAPE

The English Broad Leaved Rape, or Holland Rape makes far more feed than the common rape. It grows larger and is a faster grower.

Those who have planted it the last few years will not accept any other varieties. We import our stock direct from Holland so that you are sure of getting genuine seed. Makes a wonderful pasture in this valley. Price, postpaid, 25c per lb. Not postpaid, 1b. 15c; 10 lbs. \$1.00; 50 lbs. or more 8c per lb.

SOILTEX TEST FOR ACID SOIL

Tells how much lime your soil requires. Very easy to use and accurate and inexpensive. Enough for about 50 tests in one package. \$1.00 per package postpaid.

SEED GRAINS

Write for prices when in the market.

Marquis Spring Wheat. The heaviest yielding spring wheat grown in the Northwest. Heads are beardless, chaff smooth and kernel dark amber in color. Very heavy and grades as hard wheat.

Kinney Wheat. An old standard wheat that has been grown for years here and always produces a good crop. May be sown either fall or spring.

White Winter Wheat. This is the favorite variety for this section of the valley especially for the prairie and lower lands. Planted in fall and early winter.

White Holland Wheat. This variety is becoming very popular and has proven a very good variety. Plant in fall and early winter.

Red Oats. This variety is becoming more popular each year and is a good yielder and makes a first class hay. Sow in late spring.

Kanato Oats. This oat has proven satisfactory for certain types of soil. A heavy yielder and produces a good grain, also good hay. Sow both fall and spring.

Black Spring Oats. A very heavy producer on certain types of soil.

White Hullless Oats. Sow in the spring about April or early May. Produces a heavy oat without a hull. Fine feed. Lb. postpaid, 15c; not postpaid, 100 lbs. \$4.00.

Gray Oats. Sown both fall and early spring and the standard oat for this valley and western Washington and Oregon.

White Oats. Have some very choice seed oats of this well known variety, clean and fine quality.

Spring Rye. Makes a good crop sown in the spring.

Fall Rye. Always makes a crop and can be sown on poor land that will not raise other grain. Makes an abundance of pasture and green feed and also a fine cover crop for orchards and berries.

Hanchean Spring Barley. Usually does best on light land but is grown nearly everywhere.

Fall Barley. Barley is being planted in the fall and has proven very productive. The acreage has increased several hundred percent the last year and farmers are well satisfied with the results.

Trebi Barley. A six row barley that is a heavy producer.

Cheat Seed. Recleaned. This is used as a hay crop especially on wet lands and when cut and taken care of at the right time makes a good hay.

Canada Field Peas. Field peas are becoming more popular every year. They make a good hay; make a great hog feed and are used for silos.

Austrian Peas. This is the new variety that is being sown in the valley the past few years. Makes an immense amount of hay or green feed. Also a fine ensilage. Also used as a cover crop and from tests made is possibly the finest of all the cover crops as it carries more nitrogen than any other plant so used.

VETCHES

Oregon Vetch (Common Vetch). One of the best forage plants grown on the Pacific Coast. It furnishes an abundance of green, makes a fine hay; used for silos, pasture, and is unexcelled as a cover crop.

Hungarian Vetch. This is proving a wonderful vetch; it seems to be adapted for land too heavy and wet for common vetch; is aphid proof; seems to stand more freezing than other vetches and is very productive. Can be used for all purposes that common vetch is used for with the assurance of making a crop when other vetches are a failure.

Sand or Hairy Vetch. This thrives on poor, arid, sandy soil, but will grow anywhere. Is a winter vetch and should be planted in fall when to be cut for crop or seed. Can be seeded in spring for pasture.

Vetch and Oats. This is a mixture prepared for hay and is the usual mixture sown in this valley. Consists of recleaned grey winter oats and Oregon vetch. **Write for prices.**

Purple Vetch. This is used as a cover crop only. Market prices.

SPRAY MATERIALS

We have a complete stock of prepared sprays as well as the different ingredients if you desire to make your own spray.

ORCHARD SUPPLIES

Besides sprays we carry various other supplies like Grafting Wax, Tree Seal, Tree Paint, etc.

POULTRY SUPPLIES

Have a large line of Feeders, Fountains, Feed Troughs, etc

POULTRY REMEDIES

A large stock of several well known lines including Dr. Hess's, Lee's, Conkey's, McClellan's, Korinek's, Walko, Avicol, etc

STOCK REMEDIES

Various Stock Tonics, Hog Remedies, Rabbit Remedies, Kow Kare, Bag Balm, etc.

FERTILIZERS

Carry VIGORO, Red Steer Fertilizers, More Crop Fertilizers, Nitrate of Soda, Potash, Superphosphate, Bone Meal, Lime, Land Plaster, etc.

BEE SUPPLIES

Carry most of the usual bee supplies.

BROODERS

Have Coal brooders and Electric Brooders in various sizes.

Our Feed Department

We have one of the most complete plants in the valley for handling and manufacturing a complete line of Stock and Poultry Feeds.

It is our aim only to manufacture **Quality Feeds**, as after forty years experience in the feed business, we know that cheap and inferior feeds do not pay to handle or for our customer to buy.

Our line of manufactured feeds includes

Dairy Feed	Chick Feed
Chick Mash	Developing Mash
Growing Mash	Scratch Feed
Egg Mash	Special Egg Feed
Rolled Oats	Rolled Barley
Ground Oats	Ground Barley
Cracked Corn	Ground Corn

We also do custom rolling and grinding if you have your own grain.

Seed Cleaning

We have one of the most complete Seed Cleaning Equipments in the state and make a specialty of this department.

Our Wholesale Department is the largest shipper of seeds in the state. We are buyers and shippers of Grass Seeds, Clover Seeds, Vetches, Field Peas, Seed Grains, etc.